

28"/32" Digital MHP Dolby Virtual Real Flat

**28/32
DW 6658**



- *Fully integrated digital terrestrial tuner*
- *MHP compliant for digital broadcast interactive services*
- *Support for return channel via external modem enabling direct responses to programs (MHP interactive profile)*
- *Highly insensitive to cars driving by and domestic appliances (impulse noise)*
- *New intuitive user friendly Philips user interface*
- *Every family member a favourite programs list (up to 4)*
- *Real Flat Blackline S*
- *Crystal Clear III*
- *Continuous Zoom*
- *Dolby Virtual*
- *20 W RMS*
- *2 On board speakers*
- *Plug & Play*
- *Watch Analogue program while recording Digital channel*
- *100 Page Smart Text (analogue)*
- *Common Interface*
- *Top Controls*
- *Side Connections*
- *Matching Stand Available*



PHILIPS

28"/32" Digital MHP Dolby Virtual Real Flat

Want to enjoy all the benefits of digital TV ? This Large screen brings you more channels in digital quality with the built-in digital TV Tuner. This stylish widescreen offers top picture quality in 50Hz including the Real Flat tube shape and Crystal Clear III processing. The flatter the tube in your TV, the more lifelike the viewing. 2 onboard speakers and Dolby Virtual deliver an above average sound experience. And it is futureproof for coming new development of applications and interactive services that will be delivered next to the audio/video contents by the broadcasters with its built-in MHP software engine. Matching stand available.



Product Information

Picture

- Screen Size: 28" (70 cm)
32" (82 cm)
- Visible screen size: 66 cm (28")
76 cm (32")
- Picture Tube : Real Flat Black Line S
- Crystal Clear III
- Color Transient Improvement (CTI)
- Black stretch and blue stretch
- Sharpness Control
- Noise reduction
- Colour Temperature Control

Sound

- Sound Power : 20 W RMS
: 40 W Music Power
- Dolby Virtual
- 2 On Board Speakers

Ease of Use Installation

- Plug & play
- 100 analogue Presets channels
- 200 digital Presets channels
- Autostore
- Smart ATS and ACI

Ease of Use Utilisation

- Easy toggle between digital and analogue modes
- Easy to use UI in 11 languages
- Watch Analogue program while recording Digital program
- Top Controls
- Remote Control : RCDE3B (suitable for VCR/DVD)
- Program List
- Smart Picture Control : Soft, Natural, Rich, Multimedia/Text (Digital), Personal
- Smart Sound Control : Theatre, Voice, Music, Personal
- Digital subtitle and audio preference selection
- Fast access Options menu for temporarily changes in audio, subtitles and banners
- Smart Listening (Delta Volume + AVL)
- Dual I-ll
- 6 Wide screen modes : 4:3, Zoom 14:9, Zoom 16:9, Subtitle Zoom, Super Wide, Widescreen
- Continuous Zoom (analogue program only)
- WSSB
- Smart Clock
- Wake up Clock
- Sleep Timer
- Smart Lock (Child Lock + parental Control)
- Picture Tilt Control

Connections

Side

- S-Video (Y/C) in
- CVBS Video in
- Audio L/R (cinch/RCA) in
- Headphone Jack 3,5 mm out

Rear

- Common Interface socket PCMCIA
- RS232 connection for external modem (up to V90) and service
- Euro A/V connector Ext1 (RGB in, CVBS in/out)
- Euro A/V connector Ext2 (S-Video in, CVBS in/out, with WYSIWYR, Easy Link)
- Stereo Audio out (cinch) Constant level

Information

- Analogue 100 Page Smart Text
- Analogue 4 Favorite Pages
- Analogue Program Information Line
- Full screen Digital Electronic Program Guide (EPG) : based on available free-to-air content broadcasted with theme/genre selection mechanism and easy recording features
- 4 Digital favourite preset lists with end-user customisable names
- Easy Link : Pre-set download, WYSIWYR, One Touch Record, Digital recording setting 1 timer only

MHP

- MHP V1.0.2 compliant
- MHP interactive profile supports an external (up to V90) modem (not included) enabling responding directly to life broadcasts (shows, quizzes, etc.)

Reception

Digital

- Tuning System : PLL digital tuning
- Tuner : VHF/UHF 7/8MHz
- Aerial Input : 75 ohm Coaxial
- TV System : DVB COFDM 2k/8k
- Stereo System : MPEG-1 layer 2 Stereo

Analogue

- Tuning System : PLL digital tuning
- Tuner : VHF, UHF, S-Channel, Hyperband
- Aerial Input : 75 ohm Coaxial
- TV System : See table
- Stereo System : See table
- Video Playback : NTSC 4.43/3.58

Miscellaneous

- Mains : AC 220-240V +/- 10%
- Power Consumption : 112 W (28") Normal Oper.
124 W (32") Normal Oper.
<3 W Stand by
- Set Weight : 28" - 37 kg
32" - 52 kg
- Weight Incl. Packaging : 28" - 46 kg
32" - 62 kg
- Set Dimension : 28" - 782x507x510
(W x H x D mm) : 32" - 884x564x540
- Box Dimension : 28" - 917x675x691
(W x H x D mm) : 32" - 1024x710x767
- TV Colour : Silver Frost (11027)

Product highlights

Digital terrestrial tuner

Integrated tuner for superb digital signal reception through the standard aerial input : high quality digital free-to-air services with better picture and sound quality, without reception noise and disturbances. The sensitivity has been improved highly in comparison with former generations. This can be favourable areas where the signal is potentially weaker.

Impulse noise behaviour

A new technology has been applied to reduce bad reception cause by cars driving by and domestic appliances. Where in former iDTV generations the sparkplug of a car driving by could result in blocks in the video, this generation will hardly show any picture artifact anymore.

Real Flat Black Line S

Philips TV picture tube provides non-distorted picture quality, while offering a wider viewing angle without light reflections. Thanks to the highly pigmented phosphors, the brightness and contrast performance are considerably improved compared to conventional picture tubes.

Crystal Clear III

A unique package of picture innovations including Combfilter, Scavem, Dynamic Contrast. Crystal Clear III, using 10 bit processing, offers 30% more contrast, natural colors and a high level of detail.

Application Manager

Pressing 'Digital menu' on the remote control will show a page with scaled video that can assist in starting and stopping of interactive content, even if not automatically started by the broadcaster. With this feature you are always in full control of interactivity.

Dolby Virtual

Dolby processing circuitry for an enhanced cinema surround sound effect without the need for rear speakers.

Plug & Play

The ultimate ease of use feature for quick automatic searching, sorting (ATS/ACI) and sorting of all the available channels, both in digital or analogue.

Watch Analogue program while recording Digital Program

Built-in with 2 Tuners (1 Analogue and 1 Digital) provides flexibility in recording function. Watching Analogue program while recording Digital Channel is possible with no compromise.

Common Interface

Easy extension possible to paid program services through a dedicated module.

version		stereo system						transmission system					
		2CS DK	NICAM DK	2CS BG	NICAM BG	NICAM I	NICAM LL'	PAL BG	PAL DK	PAL I	SECAM BG	SECAM DK	SECAM LL'
28/32DW6658	/01		•	•	•	•	•	•	•	•	•	•	•
28/32DW6658	/05		•	•	•	•	•	•	•	•	•	•	•



Predecessor : 28/32DW6557
Chassis : A10 / IBO +
Introduction : Year 2004

Features and specifications subject to change without notice